

10/27/66

18. APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6328, P.R.C. 3645.2.

After consideration of Calendar Item 16 attached, and upon motion duly made and carried, the following resolution was adopted:

THE EXECUTIVE OFFICER IS AUTHORIZED TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT AT A TOTAL RENTAL OF \$732.90, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

THAT PORTION OF A STRIP OF LAND TWO HUNDRED NINETY (290) FEET WIDE EXTENDING OVER AND ACROSS THE EAST ONE-HALF OF SECTION 16, TOWNSHIP 9 NORTH, RANGE 7 EAST, SAN BERNARDINO BASE AND MERIDIAN, THE CENTER-LINE OF WHICH IS DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHERLY LINE OF SAID SECTION 16, SAID POINT BEING NORTH 89° 56' 25" WEST 100.13 FEET, MEASURED ALONG SAID NORTHERLY LINE FROM A U.S.G.L.O. BRASS CAP MONUMENT SET AT THE NORTH-EAST CORNER OF SAID SECTION 16; THENCE FROM SAID POINT OF BEGINNING SOUTH 51° 08' 18" WEST, 4,671.53 FEET, MEASURED ALONG A LINE PARALLEL WITH AND 245 FEET NORTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTERLINE OF THAT CERTAIN 200-FOOT STRIP OF LAND DESCRIBED IN DEED TO SOUTHERN CALIFORNIA EDISON COMPANY, LTD., A CORPORATION, RECORDED IN BOOK 1284, PAGE 105 OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; THENCE SOUTH 54° 33' 36" WEST 1,861.46 FEET MORE OR LESS, MEASURED ALONG A LINE PARALLEL WITH AND 245 FEET NORTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTER-LINE OF SAID 200-FOOT STRIP OF LAND, TO A POINT IN THE WESTERLY LINE OF SAID SECTION 16, SAID POINT BEING NORTH 1° 54' 48" WEST, 1,301.09 FEET, MEASURED ALONG SAID WESTERLY LINE FROM A JUNIPER POST SET IN ROCK MOUND SET AT THE SOUTHWEST CORNER OF SAID SECTION 16.

THE SIDE LINES OF SAID STRIP OF LAND SHALL BE PROLONGED OR SHORTENED SO AS TO TERMINATE IN THE NORTHERLY AND EASTERLY LINES OF SAID SECTION 16.

Attachment

Calendar Item 16 (2 pages)

16.

APPLICATION FOR OVERHEAD-WIRE-CROSSING EASEMENT, STATE SCHOOL LAND, SAN BERNARDINO COUNTY; SOUTHERN CALIFORNIA EDISON COMPANY - W.O. 6328.

Southern California Edison Company has applied for a 290-foot easement for a 500 kv electric transmission line across 20.5 acres of State school land in Section 16, T. 9 N., R. 7 E., S.B.B. & M., San Bernardino County (see Exhibit "A").

The applicant has offered the following statement relating to the comparative cost of overhead to underground construction:

"The highest voltage at present utilized for sub-surface (underground or submarine) transmission in this country is 345 kv.

"Extending the voltage levels to 500 kv involves technological problems that would require further years of research and development in order to bring this voltage class of cable and accessories into the realm of practicability. Research is now in progress which is pointed toward meeting this objective but at the present, both cables and accessories are not available for manufacture commercially. As with 115 and 230 kv cables, areas of rugged terrain will present situations in which an underground system is not technically feasible.

"Since 500 kv cable systems have not yet been developed by the cable and accessory manufacturers, cost estimates can be made only on a theoretical basis. In view of the large power transmitting capabilities of a 500 kv bundled conductor overhead system, 3 to 4 underground circuits would be required for an equivalent system. Cost ratios of a sub-surface installation to an overhead installation cannot be estimated within practical limits of accuracy at our present level of technology."

A staff appraisal indicates a value of \$738, which results in an annual rental of \$48.86, or a total of \$732.90, for the initial period of 15 years. The lease will provide for three renewal periods of 10 years each.

IT IS RECOMMENDED THAT THE COMMISSION AUTHORIZE THE EXECUTIVE OFFICER TO ISSUE TO SOUTHERN CALIFORNIA EDISON COMPANY A 15-YEAR EASEMENT AT A TOTAL RENTAL OF \$732.90, FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF AN OVERHEAD ELECTRIC POWER LINE, WITH THE RIGHT OF RENEWAL FOR THREE PERIODS OF 10 YEARS EACH, OVER THE FOLLOWING-DESCRIBED LAND:

THAT PORTION OF A STRIP OF LAND TWO HUNDRED NINETY (290) FEET WIDE EXTENDING OVER AND ACROSS THE EAST ONE-HALF OF SECTION 16, TOWNSHIP 9 NORTH, RANGE 7 EAST, SAN BERNARDINO BASE AND MERIDIAN, THE CENTER-LINE OF WHICH IS DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE NORTHERLY LINE OF SAID SECTION 16, SAID POINT BEING NORTH 89° 56' 25" WEST 100.13 FEET, MEASURED ALONG SAID

CALENDAR ITEM 16. (CONTD)

NORTHERLY LINE FROM A U.S.G.L.O. BRASS CAP MONUMENT SET AT THE NORTHEAST CORNER OF SAID SECTION 16; THENCE FROM SAID POINT OF BEGINNING SOUTH $51^{\circ} 08' 18''$ WEST, 4,671.53 FEET, MEASURED ALONG A LINE PARALLEL WITH AND 245 FEET NORTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTERLINE OF THAT CERTAIN 200-FOOT STRIP OF LAND DESCRIBED IN DEED TO SOUTHERN CALIFORNIA EDISON COMPANY, LTD., A CORPORATION, RECORDED IN BOOK 1284, PAGE 105 OF OFFICIAL RECORDS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY; THENCE SOUTH $54^{\circ} 33' 36''$ WEST 1,861.46 FEET MORE OR LESS, MEASURED ALONG A LINE PARALLEL WITH AND 245 FEET NORTHWESTERLY, MEASURED AT RIGHT ANGLES, FROM THE CENTERLINE OF SAID 200-FOOT STRIP OF LAND, TO A POINT IN THE WESTERLY LINE OF SAID SECTION 16, SAID POINT BEING NORTH $1^{\circ} 54' 48''$ WEST, 1,301.09 FEET, MEASURED ALONG SAID WESTERLY LINE FROM A JUNIPER POST SET IN ROCK MOUND SET AT THE SOUTHWEST CORNER OF SAID SECTION 16.

THE SIDE LINES OF SAID STRIP OF LAND SHALL BE PRODONGED OR SHORTENED SO AS TO TERMINATE IN THE NORTHERLY AND EASTERLY LINES OF SAID SECTION 16.